

## ABSTRACT

A control circuit for controlling an electromechanical elevator brake, said control circuit comprising at least one brake  
5 coil (L1), a direct-voltage source (BR1), a semiconductor  
switch arrangement and a control unit (CO1) for controlling  
the circuit, and which circuit further comprises a current  
measuring unit (IM1) producing current data that can be  
passed to the control unit (CO1). The circuit comprises at  
10 least two semiconductor switches (SW1, SW2), and these can be  
controlled by the control unit (CO1) in an alternate manner  
such that the working condition of each switch can be checked  
in its turn on the basis of feedback data obtained from the  
current measurement.